

Team Assignments

Use the notes to help you assign the earth structures. It is important that most of these are assigned so students have the opportunity to compare patterns and see how the crust is moving in differently at different regions.

Earth Structures	Notes to Teacher	Students Assigned
Andes Mountains	Easy	
Baja California	Fairly easy but zone models can be confusing here later in the unit	
The Hawaiian Islands	Easy but location behaves differently than the others (hot spot)	
The Himalayas	Easy but the surrounding regions are messy	
Iceland	Data interpretation can be complex because of location on the globe but fairly straightforward, moderately difficult.	
Japan	Easy	
The Java Trench	Data interpretation easy but obscure place	
The Mariana Trench	Data interpretation easy but obscure place	
Mount Etna	Data is messy – Difficult to interpret plate motion	
Mount Popo	Data is messy	
Mount St. Helens	Common location but data interpretation can get sticky	
Mount Vesuvius	Data is messy	
New Zealand	Fairly straightforward	
Mount Kilimanjaro	Difficult data interpretation and model to understand	
St. Helena Island	Easy data interpretation but obscure location	
<i>The Aleutian Islands</i>	Included in TE and student discussion for modeling purposes	TEACHER

******These earth structures will cover most of the major plates of world and include all the continents except for Antarctica. Antarctica was omitted because though the basic data interpretation is straightforward, the map view manipulations are difficult.